MODIFIED COURSES			
COURSE ID		EFF DATE	RATIONALE
AIRTVL 198	Course ID: AIRTVL098 Laboratory: 5.00 - 20.00 contact hour(s) per week Catalog Description: Supervised training in the form of on the job employment or volunteer activities that will enhance the student's educational goals. The student's major and job must match. Students work 5-20 hours per week to earn units using the following formula: For paid work, 75 hours = 1 unit; for volunteer work, 60 hours = 1 unit. Students may earn a total of 16 units toward graduation in Work Experience 098 or 198 courses. Students MUST be working for pay or volunteer before registering for a Work Experience class. NOTE: Only one section of Work Experience may be taken during a semester. Schedule Description: Supervised training in the form of on the job employment or volunteer activities that will enhance the student's educational goals. The student's major and job must match. Students work 5-20 hours per week to earn units using the following formula: For paid work, 75 hours = 1 unit; for volunteer work, 60 hours = 1 unit. Students may earn a total of 16 units toward graduation in Work Experience 098 or 198 courses. Students MUST be working for pay or volunteer before registering for a Work Experience class. NOTE: Only one section of Work Experience may be taken during a semester.	FA09	*To reflect changes in curriculum.*
AUTO 050	Catalog Description: This course is based on National Automotive Technicians Education Foundation (NATEF) standards and is designed for students and current technicians to gain knowledge and skills in automotive brake (standard and antilock) systems. Topics include, but are not limited to, disc, drum, hydraulics, power boosters, and traction control with emphasis on diagnosing, troubleshooting, repairing, replacing, and adjusting. This course may be used in preparation for the Automotive Service Excellence (ASE) National Test A-5. Schedule Description: This course is designed to introduce students to the needed introductory skills and knowledge to perform automotive brake repairs. This course may be used in preparation for the ASE National Test A-5.	FA09	*To reflect changes in curriculum.*
AUTO 051	Catalog Description: This course is based on National Automotive Technicians Education Foundation (NATEF) standards and is designed for students and current technicians to gain advanced knowledge and skills in the theory and practical work in the repair of automotive brake systems. Topics include safety, machinery, procedures for troubleshooting and reconditioning brake systems, advanced study of disc, drum, hydraulics, and power boosters systems with emphasis on antilock brakes, traction control, and machining. Schedule Description: This course is designed to provide students the needed skills, knowledge, and experience to perform advanced abilities in the automotive brake repair field.	FA09	*To reflect changes in curriculum.*
AUTO 052	Catalog Description: This course is based on National Automotive Technicians Education Foundation (NATEF) standards and is designed for students and current technicians to gain knowledge and skills in automotive chassis and suspension systems. Topics include, but are not limited to, suspension types, basic geometry, alignment angles, and two- and four-wheel alignment using both computerized and mechanical methods. Emphasis is on diagnosing, troubleshooting, repairing, replacing, and adjusting. This course may be used in preparation for the Automotive Service Excellence (ASE) National Test A-4. Schedule Description: This course covers theory and practical work in the repair of suspension systems and wheel alignment. Topics include safety, rebuilding, replacing, troubleshooting, and alignment procedures. This course may be used in preparation for the ASE National Test A-4.	FA09	*To reflect changes in curriculum.*

AUTO 053	Catalog Description: This course is designed for students and current technicians to gain advanced knowledge and skills in automotive chassis and suspension systems. Topics include, but are not limited to, suspension design, advanced geometry, alignment angles, and four-wheel alignment using computerized methods. Emphasis is on diagnosing, troubleshooting, repairing, replacing, and adjusting. Schedule Description: This course covers advanced theory and practical work in the repair of chassis and suspension systems. Shop instruction includes safety, complex rebuilding, replacing, and analytical alignment procedures for troubleshooting of suspension systems.	FA09	*To reflect changes in curriculum.*
AUTO 090X3	Catalog Description: This course covers theory and practical work in the repair and rebuilding of automotive engines, removal, disassembly, inspection, reconditioning and reassembling of engines, rebuilding of components using automotive machine shop equipment and failure analysis of components. This course may be used in preparation for the Automotive Service Excellence (ASE) National Test A-1. Schedule Description: This course covers theory and practical work in the repair and rebuilding of automotive engines. This course may be used in preparation for the ASE National Test A-1.	FA09	*To reflect changes in curriculum.*
CD 186	Course Title: Infant and Toddler Curriculum Catalog Description: This course is a survey of program and curriculum planning for infants and toddlers child care, early intervention and inclusive programs, emphasizing curriculum and good practice specific to infants, toddlers and two-year-old children. Schedule Description: This course is a survey of program and curriculum planning for infants and toddlers child care, early intervention and inclusive programs, emphasizing curriculum and good practice specific to infants, toddlers and two-year-old children.	FA09	*Modify course title. Also, update course to include California Department Ed. new infant/toddler learning and development program guidelines and foundations. The update includes more specific information on children with disabilities and other special needs.*
CHEM 085	Prerequisite: None Catalog Description: Chemistry 085 is an algebra review workshop for students concurrently enrolled in Chemistry 101 with an emphasis on how to use mathematics and algebra to solve chemistry problems. This course is graded on pass/no pass basis only. Schedule Description: Chemistry 085 is a mathematics and algebra review workshop for students in Chemistry 101. This course is graded on pass/no pass basis only.	FA09	*To reflect changes in curriculum.*
CHEM 104	Catalog Description: This course is an introduction to the bonding, naming, structure, and chemical and biomolecular properties for different classes of organic compounds and biomolecules, with a focus on their cellular, medicinal and industrial importance. Schedule Description: This course is an introduction and general overview of organic chemistry and biochemistry.	FA09	*To reflect changes in curriculum.*
CHEM 213	Catalog Description: The second semester of organic chemistry continues the study of carbon compounds including aliphatic, aromatic and heterocyclic series, theoretical concepts, instrumentation, mechanisms, synthesis and functional groups. Laboratory includes preparation and study of properties, and extensive identification of organic compounds. Schedule Description: The second semester of organic chemistry continues the study of carbon compounds and theoretical concepts. Topics include instrumentation, mechanisms, synthesis and functional groups.	FA09	*To reflect changes in curriculum.*

CHEM 213**H**	Catalog Description: The second semester of organic chemistry continues the study of carbon compounds including aliphatic, aromatic and heterocyclic series, theoretical concepts, instrumentation, mechanisms, synthesis and functional groups. Laboratory includes preparation and study of properties, and extensive identification of organic compounds. **This course is intended for students in the Honors Program but is open to all students who desire more challenging coursework.** Schedule Description: The second semester of organic chemistry continues the study of carbon compounds and theoretical concepts. Topics include instrumentation, mechanisms, synthesis and functional groups. **This course is intended for students in the Honors Program but is open to all students who desire more challenging coursework.**	FA09	*To reflect changes in curriculum.*
CIT 091	Departmental Advisory: MATH 095 and CIT 105 Catalog Description: This is the first course in a four-course Cisco Certified Network Associate (CCNA) preparation sequence that includes classroom, laboratory, and online activities. The theoretical basis for and practical experience with current networking technologies commonly used in home or small office network applications. Detailed coverage of relevant technologies such as computers, Local Area Networks, access to the Internet, Voice over Internet Protocol (VoIP) telephony, network addressing, security, configuration, management, maintenance, fault isolation and problem resolution. Basic operation of networking devices such as routers and switches. Schedule Description: This is the first course in a four-course Cisco Certified Network Associate (CCNA) preparation sequence that includes classroom, laboratory, and online activities. Detailed coverage of relevant technologies and experience with contemporary networking devices.	FA09	*To reflect changes in curriculum.*
CIT 232	Catalog Description: This course is an introduction to the fundamentals of data communications. Topics include transmission methods, protocols, network types, E-Business applications, services and security considerations. Schedule Description: This course is an introduction to the fundamentals of data communications. Topics include transmission methods, protocols, network types, E-Business applications, services and security considerations.	FA09	*To reflect changes in curriculum.*
CORREC 102	Catalog Description: This course of study is an overview of the techniques in counseling and interviewing available to practitioners in corrections; Which includes the use of appropriate techniques and theories in confidence building which the correctional employee may use in client interviews and counseling. Schedule Description: This course is an overview of the techniques in counseling and interviewing available to practitioners in corrections.	FA09	*To reflect changes in curriculum.*
CS 220	Course Title: Advanced Visual Basic.NET Programming Units: 4 Lecture: 3 contact hour(s) per week 48 - 54 contact hours per semester Catalog Description: Advanced programming using Visual Basic .NET with emphasis on software development and maintenance. Topics include object-oriented design, multiple class modules, interface and linking, windows and Internet controls, and database access. Schedule Description: Advanced programming using Visual Basic .NET with emphasis on software development and maintenance. Topics include object-oriented design, multiple class modules, interface and linking, windows and Internet controls, and database access.	FA09	*To reflect changes in curriculum.*

ENGL 151	Prerequisite: ENGL 101 or ENGL 101**H** Catalog Description: This course includes the study of fiction, poetry, and drama, with an emphasis on the fundamental principles of literacy criticism and interpretation, including student writing based on critical reading. Schedule Description: This course includes the study of fiction, poetry, and drama, with an emphasis on the fundamental principles of literacy criticism and interpretation, including student writing based on critical reading.	FA09	*To reflect changes in curriculum.*
NURS 100	Catalog Description: This introductory course focuses on the core concepts of the nursing curriculum: conceptual framework, anxiety/stress, defense mechanisms, crisis interventions and nursing ethics. It includes student learning responsibilities and strategies for success in the nursing program. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.** Schedule Description: This course is an introduction to the Associate Degree Nursing Program focusing on the core concepts in the nursing curriculum, student learning responsibilities, and strategies for success in the nursing program. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**	FA09	*To reflect changes in curriculum.*
NURS 101	Units: 2 Lecture: 1 contact hour(s) per week 16 - 18 contact hours per semester Laboratory: 3 contact hour(s) per week 48 - 54 contact hours per semester Catalog Description: This course is designed to facilitate development of critical thinking and the application of first level medical-surgical nursing theory. Included is the analysis of clinical situations, practice of selected first level nursing skills, basic mathematical nursing problems, learning techniques, and use of the nursing process. Graded on a CREDIT/NO CREDIT basis only. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.** Schedule Description: This course emphasizes the development of learning techniques, critical thinking, and the application of first level medical-surgical nursing theory. Graded on a CREDIT/NO CREDIT basis only. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**	FA09	*To reflect changes in curriculum.* *Note: Stand-Alone Course Approved Transfers as elective credit*
NURS 102	Laboratory: 4.5 contact hour(s) per week 72 - 81 contact hours per semester Prerequisite: None Department Advisory: None Catalog Description: This fundamentals of nursing course is an introduction to the nursing care of adult and older adult clients with basic alterations in the physiologic variable. Includes fundamental nursing concepts/skills and beginning application of the nursing process to assist clients attain or maintain their optimum level of wellness. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.** Schedule Description: Fundamentals of Nursing is a introduction to the nursing care of adult and older adult clients with basic alterations in the physiologic variable and includes fundamental nursing concepts/skills and beginning application of the nursing process to assist clients attain their optimum level of wellness. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**	FA09	*To reflect changes in curriculum.*

NURS 103	Catalog Description: This course is designed to facilitate development of critical thinking and the application of second level medical-surgical and maternity nursing theory. Included is the analysis of clinical situations, practice of selected second level nursing skills, mathematical nursing problems, and use of the nursing process. Graded on a CREDIT/NO CREDIT basis only. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.** Schedule Description: This course emphasizes the development of critical thinking and the application of second level medical-surgical and maternity nursing theory. Graded on a CREDIT/NO CREDIT basis only. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**	FA09	*To reflect changes in curriculum.* *Note: Stand-Alone Course Approved Transfers as elective credit*
NURS 104	Corequisite: NURS 108 Catalog Description: A first level medical-surgical nursing course that focuses on the physiological, sociocultural, and developmental variables as they relate to selected alterations in integumentary, immunological, metabolism, reproduction and musculoskeletal subsystems. Application of the nursing process is used to assist clients to attain and maintain their optimum level of wellness. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.** Schedule Description: This first level medical-surgical nursing course focuses on alterations in integumentary, immunological, metabolism, reproduction and musculoskeletal subsystems and how the nursing process is used to assist clients to maintain their optimum level of wellness. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**	FA09	*To reflect changes in curriculum.*
NURS 108	Corequisite: NURS 104 Catalog Description: This course covers the fundamental principles of pharmacology that govern the action of drugs on the human body. There is an overview of major drug classifications and use in relation to the physiological and developmental variables. The clinical use of drug therapy will be approached as a method of assisting clients to maintain their optimum level of wellness. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.** Schedule Description: This course covers the fundamental principles of pharmacology that govern the action of drugs on the human body. The clinical use of drug therapy will be shown as a method of assisting the client to maintain a optimum level of wellness. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**	FA09	*To reflect changes in curriculum.*
NURS 109	Prerequisite: None Departmental Advisory: None Catalog Description: This course prepares Licensed Vocational Nurses to transition into the Registered Nursing program. Includes role transition content, nursing process, standards of practice, and critical thinking in nursing. In the degree option challenge examinations covering first and second semester medical-surgical and maternity nursing content will determine eligibility for placement in the program. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE A CURRENT CALIFORNIA LVN LICENSE AND HAVE BEEN ACCEPTED INTO THE LVN TO RN NURSING PROGRAM.** Schedule Description: This course prepares Licensed Vocational Nurses to transition into the Registered Nursing program. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE A CURRENT CALIFORNIA LVN LICENSE AND HAVE BEEN ACCEPTED INTO THE LVN TO RN NURSING PROGRAM.**	FA09	*To reflect changes in curriculum.*

NURS 110	Catalog Description: This second level medical-surgical nursing course focuses on the physiological, psychological, sociocultural, and developmental variables as they relate to selected alterations in oxygenation, digestion/bowel elimination, metabolism, and cerebral/peripheral innervation. Application of the nursing process is used to assist clients to attain and maintain their optimum level of wellness. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.** Schedule Description: This second level medical-surgical nursing course focuses on alterations in oxygenation, digestion/bowel elimination, metabolism and neurological innervation. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**	FA09	*To reflect changes in curriculum.*
NURS 112	Catalog Description: Maternity nursing focuses on the physiological, psychological, sociocultural and developmental variables of the childbearing family. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.** Schedule Description: Maternity nursing focuses on the physiological, psychological, sociocultural and developmental variables of the childbearing family. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**	FA09	*To reflect changes in curriculum.*
NURS 118	Catalog Description: Nursing Care Plan Enrichment is a supplementary course designed to assist students to increase their understanding and improve their ability to construct client-focused nursing care plans using the case analysis method. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.** Schedule Description: This supplementary course will assist students to improve their understanding and ability to construct client-focused nursing care plans. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**	FA09	*To reflect changes in curriculum.* *Note: Stand-Alone Course Approved Transfers as elective credit*
NURS 198	Laboratory: 5.00 - 20.00 contact hour(s) per week	FA09	*To reflect changes in curriculum.*
NURS 200	Prerequisites: NURS 100 and NURS 108 and NURS 110 and NURS 112 Catalog Description: This third level medical-surgical nursing course focuses on the physiological, psychological, sociocultural and developmental variables as they relate to specific alterations in urinary elimination, circulation, metabolism, immunological and hematological subsystems. Application of the nursing process is used to assist clients to attain and maintain their optimum level of wellness. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.** Schedule Description: This third level medical-surgical nursing course focuses on alterations in urinary elimination, circulation, metabolism, immunological and hematological subsystems and how the nursing process is used to assist clients to maintain their optimum level of wellness. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE EEN ACCEPTED INTO THE NURSING PROGRAM.**	FA09	*To reflect changes in curriculum.*

NURS 201	Prerequisite/Corequisite: None	FA09	*To reflect changes in curriculum.*
	Corequisites: NURS 200 or NURS 202		*Note: Stand-Alone Course Approved Transfers as elective credit*
	Catalog Description: This course is designed to facilitate development of critical thinking and the application of third level medical-surgical and pediatric nursing theory. Includes analysis of clinical situations, practice of third level skills, mathematical nursing problems, and use of the nursing process. Graded on CREDIT/NO CREDIT basis only. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**		
	Schedule Description: This course stresses the development of critical thinking and the application of third level medical-surgical and pediatric nursing theory and skills. Graded on CREDIT/NO CREDIT basis only. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**		
NURS 202	Prerequisites: NURS 100 and NURS 108 and NURS 110 and NURS 112	FA09	*To reflect changes in curriculum.*
	Catalog Description: A family-centered approach to the nursing care of infants and children. Application of the nursing process to pediatric clients with commonly occurring alterations in the physiological, psychological, sociocultural and developmental variables to assist them attain or maintain their optimum level of wellness. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**		
	Schedule Description: A family-centered approach to the nursing care of infants and children with commonly occurring alterations in the physiological, psychological, sociocultural and developmental variables. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**		
NURS 203	Corequisites: NURS 210 and NURS 212	FA09	*To reflect changes in curriculum.*
	Catalog Description: This course is designed to facilitate development of critical thinking and the application of fourth level medical-surgical, psychiatric and critical care nursing theory. Includes analysis of complex clinical situations, NCLEX style test taking practice, complex mathematical nursing problems and use of the nursing process. Graded on CREDIT/NO CREDIT basis only. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**		*Note: Stand-Alone Course Approved Transfers as elective credit*
	Schedule Description: This course is designed to facilitate the development of critical thinking and the application of fourth level medical-surgical, psychiatric and critical care nursing theory. Graded on CREDIT/NO CREDIT basis only. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**		
NURS 210	Catalog Description: This course is an advanced medical-surgical nursing course with a focus on the application of the nursing process to critically ill adult patients with single or multiple subsystem failure. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**	FA09	*To reflect changes in curriculum.*
	Schedule Description: This course is an advanced medical-surgical nursing course focusing on the care of critically ill adults with subsystem failure. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**		

NURS 211	Catalog Description: Fourth level medical-surgical nursing focuses on the physiological, psychological, sociocultural, and developmental variables that affect clients. Application of the nursing process is used to manage the nursing care of groups of clients to assist them to attain and maintain their optimum level of wellness. Included are advanced concepts in nursing leadership, home health care, disaster nursing, and aging. Includes preparation for NCLEX (National Council Licensure Examination) examination and explores employment opportunities. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.** Schedule Description: This fourth level medical-surgical nursing course focuses on the nursing management of groups of clients to assist them to maintain their optimum level of wellness. Also included is preparation for licensure and employment as a registered nurse. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**	FA09	*To reflect changes in curriculum.*
NURS 212	Catalog Description: This is an introduction to psychiatric nursing with a focus on neurobiological theory, suicide, substance abuse, and crisis interventions. Application of the nursing process is used to assist clients with major alterations in the psychological variable to attain and maintain an optimum level of wellness. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.** Schedule Description: This course is an introduction to psychiatric nursing with a focus on neurobiological theory and application of the nursing process to clients with major alterations in the psychological variable. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**	FA09	*To reflect changes in curriculum.*
NURS 217	Catalog Description: This course explores ethical, legal and professional aspects of nursing practice. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.** Schedule Description: This course explores ethical, legal and professional aspects of nursing practice. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE COMPLETED PROGRAM PREREQUISITES AND HAVE BEEN ACCEPTED INTO THE NURSING PROGRAM.**	FA09	*To reflect changes in curriculum.*
PSYCH 102	Prerequisite: PSYCH 100 or PSYCH 100**H** Catalog Description: This course is the study of personal growth and adjustment issues from a variety of theoretical perspectives and includes a review of the characteristics of healthy and unhealthy behavior patterns. Topics include techniques and coping devices by which one can more effectively deal with problems of day-to-day living. Schedule Description: This course is the study of personal growth and adjustment issues from a variety of theoretical perspectives and includes a review of the characteristics of healthy and unhealthy behavior patterns.	FA09	*To reflect changes in curriculum.*

DELETE COURSES				
COURSE ID			EFF DATE	RATIONALE
CIT 095			FA08	*This course does not generate enough enrollment to justify continuing to offer the course.*
CIT 096			FA08	*This course does not generate enough enrollment to justify continuing to offer the course.*
CIT 097			FA08	*This course does not generate enough enrollment to justify continuing to offer the course.*
CIT 098			FA08	*This course does not generate enough enrollment to justify continuing to offer the course.*
PSYCH 103			FA08	*This course has not been offered in many years.*
SLC 600			FA08	*The Science Learning Center is no longer in existence and there is no longer have a need to offer SLC 600, Scientific Ready and Study Skills course.*
SPAN 119			FA08	*This course has not been offered since 1995 due to frequent cancellations and lack of sufficient enrollment.*
SPAN 227A			FA08	*This course was developed to meet the needs of students wishing to enroll in the Costa Rica summer study abroad program who already knew Spanish but needed units to be able to enroll and participate. SBVC no longer offers a summer study abroad in Costa Rica and until one is established through the Modern Languages Department, this course will not be offered.*

DISTRIBUTED EDUCATION			
COURSE ID		EFF DATE	RATIONALE
CIT 091	100% ONLINE	FA09	*One of the planning themes of SBVC is "Access." That is, SBVC affirms the function of the Community College to create educational opportunities that are available and accessible to members of the community. In the field of Networking Technology, many of the students are already employed in the Information Technology field. Often this work includes unscheduled work to resolve system outages. Some students are on call and find making a regularly scheduled event difficult. Given the sometimes unpredictable and demanding schedules, students need the flexibility of time that an online class affords. An asynchronous online class allows students to study when they are not working whenever that might be. The online delivery of this class supports the mission of San Bernardino Valley College in that it provides access to education to a diverse community of learners, here a community with difficult and demanding schedules.*
CIT 232	100% ONLINE	FA09	*Same as above.*
CORREC 101	100% ONLINE	FA09	*One of the planning themes of SBVC is "Access." That is, SBVC affirms the function of the Community College to create educational opportunities that are available and accessible to members of the community. In the field of Corrections, many of the students are already employed in the criminal justice system. Many of them work odd hours, including "Yellow Shifts," which describe mandatory overtime days. Given these variable and difficult schedules, like 12-hour shifts, students need the flexibility of time that an online class affords. Locking into a class that meets at 9:AM on Mondays and Wednesdays, for example, is not possible for most of the potential students of this class. An asynchronous online class, however, allows students to study when they are off shift, whenever that might be. The online delivery of this class supports the mission of San Bernardino Valley College in that it provides access to education to a diverse community of learners.*
CORREC 102	100% ONLINE	FA09	*Same as above.*
CORREC 103	100% ONLINE	FA09	*Same as above.*
CORREC 104	100% ONLINE	FA09	*Same as above.*
CORREC 105	100% ONLINE	FA09	*Same as above.*
CORREC 106	100% ONLINE	FA09	*Same as above.*

AIR TRAVEL CAREERS-FLIGHT A.S. Degree Major

To graduate with a specialization in the Air Travel Careers - Flight major, students must complete all the requirements for the Air Travel Careers - Flight Certificate with a grade of C or better plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

REQUIRED COURSES:		**Units**
AIRTVL010	Computer Use in Travel Careers	1.5
AIRTVL011	Survey of Travel Careers	1.5
AIRTVL012	Flight Attendant Survey	1.5
AIRTVL013	Image, Attitude and Appearance	1.5
AIRTVL014	Terminology, Codes and Operations	1.5
AIRTVL015	Employment Writing Skills	1.5
AIRTVL016	Employment Interviewing Skills	1.5
AIRTVL017	Introduction to Cultural Awareness	1.5
AIRTVL018	Ground and In-Flight Service	1.5
AIRTVL019	Ground and In-Flight Safety	1.5
AIRTVL098	Air Travel Careers Work Experience	1 - 4
PE231	First Aid and CPR	3

Three (3) courses from the following list of Travel Geography are required for certification:		**Units**
AIRTVL020	Travel Geography - Resort Destinations	1.5
AIRTVL022	Travel Geography - United States	1.5
AIRTVL023	Travel Geography - The Americas	1.5
AIRTVL024	Travel Geography - Pacific Rim	1.5
AIRTVL025	Travel Geography - Southern Europe	1.5
AIRTVL026	Travel Geography - Northern Europe	1.5
AIRTVL027	Travel Geography - Eastern Europe	1.5
AIRTVL028	Travel Geography - Africa	1.5

RECOMMENDED COURSES BUT NOT REQUIRED:		**Units**
AERO121	Aviation Fundamentals	3
AERO134	Civil Aviation Management and Laws	3
BUSAD100	Introduction to Business	3
CIT010	Beginning Keyboarding	3
ENGL101	Freshman Composition	4
SPEECH100	Elements of Public Speaking	3

Total Units   23.5 - 26.5

Effective Date: FA09
Rationale: To reflect changes in curriculum.

AIR TRAVEL CAREERS-GROUND A.S. Degree Major

To graduate with a specialization in the Air Travel Careers - Ground major, students must complete all the requirements for the Air Travel Careers - Ground Certificate with a grade of C or better plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

REQUIRED COURSES:		**Units**
AIRTVL010	Computer Use in Travel Careers	1.5
AIRTVL011	Survey of Travel Careers	1.5
AIRTVL013	Image, Attitude and Appearance	1.5
AIRTVL014	Terminology, Codes and Operations	1.5
AIRTVL015	Employment Writing Skills	1.5
AIRTVL016	Employment Interviewing Skills	1.5
AIRTVL017	Introduction to Cultural Awareness	1.5
AIRTVL018	Ground and In-Flight Service	1.5
AIRTVL019	Ground and In-Flight Safety	1.5
AIRTVL098	Air Travel Careers Work Experience	1 - 4
PE231	First Aid and CPR	3

Three (3) courses from the following list of Travel Geography are required for certification:		**Units**
AIRTVL020	Travel Geography - Resort Destinations	1.5
AIRTVL022	Travel Geography - United States	1.5
AIRTVL023	Travel Geography - The Americas	1.5
AIRTVL024	Travel Geography - Pacific Rim	1.5
AIRTVL025	Travel Geography - Southern Europe	1.5
AIRTVL026	Travel Geography - Northern Europe	1.5
AIRTVL027	Travel Geography - Eastern Europe	1.5
AIRTVL028	Travel Geography - Africa	1.5

RECOMMENDED COURSES BUT NOT REQUIRED:		**Units**
AERO121	Aviation Fundamentals	3
AERO134	Civil Aviation Management and Laws	3
BUSAD100	Introduction to Business	3
CIT010	Beginning Keyboarding	3
ENGL101	Freshman Composition	4
SPEECH100	Elements of Public Speaking	3

Total Units   22 - 25

Effective Date: FA09
Rationale: To reflect changes in curriculum.

Automotive Technician A.S. Degree Major

To graduate with a specialization in Automotive Technician, students must complete all requirements for the certificate with a grade of C or better plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

REQUIRED COURSES:		Units
AUTO050	Automotive Brakes	4
AUTO052	Automotive Suspension and Steering	4
AUTO056	Automotive Heating and Air Conditioning	4
AUTO063	Emission Systems	4
AUTO064	Automotive Electrical: Battery, Starting & Charging Systems	5
AUTO065	Electrical Accessory Diagnostic	5
AUTO068	Engine Performance - Ignition Systems	5
AUTO069	Engine Performance - Fuel and Exhaust Systems	5
AUTO075X3	Automatic Transmissions Rear Wheel Drive	2 - 6
	or	
AUTO076X3	Automatic Transaxles Front Wheel Drive	2 - 6
AUTO077	Manual Transmissions and Transaxles	4
AUTO084	General Automotive Technology	4
AUTO090X3	Engine Repair	6

Total Units   52 - 56

Effective Date: FA09
Rationale: Adding AUTO 063 due to the splitting of AUTO 069 into two courses - AUTO 069 and AUTO 063. Replacing TECALC 950, which is in the process of being deleted, with TECALC 087

Liberal Arts A.A. Degree Major

The Associate Degree in Liberal Arts is designed for students who wish a broad knowledge of liberal arts and sciences plus additional coursework in an "Area of Emphasis". An area of emphasis would be an ideal choice for students planning on transferring to the California State University (CSU) or University of California (UC) as the student can satisfy required general education requirements, plus focus on transferable course work that relates to majors at CSU or UC. Students are advised to consult with a counselor for specific information regarding choice of major and transfer university. Students may obtain an Associate of Arts Degree in Liberal Arts by completing a minimum of 60 semester units as outlined below:

Choose either Option #1a IGETC or Option #1b CSUGE or Option #2 for the general education pattern related to your educational goal.

Complete 18 units in one "**Area of Emphasis**" from those outlined below. For depth of study, a minimum of two courses in one discipline is required. (Note: Where appropriate, courses in the "Area of Emphasis" may also be counted for Associate Degree Option #1 or #2.)

For ALL OPTIONS, complete necessary SBVC graduation and proficiency requirements (Refer to page **XX** in the SBVC catalog).

All classes listed below transfer to CSU. Courses in **BOLD** are transferable to **UC.** Refer to www.assist.org for transfer details.

Courses that include a symbol x in the number such as MUS 141x4 indicate the course may be taken four times for credit. Students may apply each course with a symbol x only one time toward graduation requirements.

I. AREAS OF EMPHASES

A. Biological and Physical Sciences

These courses emphasize the natural sciences which examine the physical universe, its life forms and natural phenomena. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will also examine the influence that the acquisition of scientific knowledge has on the development of world civilization.

Anthropology (ANTHRO)
106, 106H

Astronomy (ASTRON)
120, 123, 125

Biology (BIOL)
100, 104, 109, 109H, 123, 201, 202, 204, 250, 251, 260, 261, 270

Business Calculations (BUSCAL)
208

Chemistry (CHEM)
101, 104, 110, 150, 150H, 151, 151H, 212, 212H, 213, 213H

Economics (ECON)
208

Geography (GEOG)
110, 111, 114, 285

Geology (GEOL)
100, 101, 111, 112, 122, 200, 201, 250, 251

Mathematics (MATH)
102, 103, 108, 115, 151, 250, 251, 252, 265, 266, 285

Oceanography (OCEAN)
100, 101, 111

Physical Science (PS)
101

Physics (PHYSIC)
101, 150A, 150B, 200, 201

B. Social and Behavioral Sciences

These courses emphasize the perspective, concepts, theories and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the social and behavioral sciences. Topics and discussion to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate.

Anthropology (ANTHRO)
100, 102, 106, 106H, 107, 109, 110

Child Development (CD)
105, 105H, 126

Economics (ECON)
100, 200, 200H, 201, 285

Geography (GEOG)
102, 106, 120

History (HIST)
100, 101, 107, 110, 137, 138, 139, 140, 150, 170, 171

Political Science (POLIT)
100, 110, 110H, 204

Psychology (PSYCH)
100, 100H, 102, 103, 110, 111, 112, 118

Religious Studies (RELIG)
110, 135

Sociology (SOC)
100, 100H, 110, 130, 141, 145, 150, 285

Speech (SPEECH)
135, 174, 176

(continued on next page)

C. Humanities and Fine Arts

These courses emphasize the study of cultural, literary, humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation. Students will also learn to value aesthetic understanding and incorporate these concepts when constructing value judgments.

American Sign Language (ASL)
109, 110, 111, 112

Anthropology (ANTHRO)
109, 107, 110

Architecture (ARCH)
145, 146

Art (ART)
100, 102, 103, 105, 107, 108, 110, 111, 120, 124x4, 126x4, 132x4, 145, 148, 158x4, 161, 164x4, 175x4, 180, 212x4, 240x4, 270x4, 285

Dance (DANCE)
200, 203

English (ENGL)
151, 153, 155, 161, 163, 165, 175, 232, 260, 261, 270, 271, 275, 280, 281

French (FRENCH)
101, 102

History (HIST)
100, 101, 107, 137, 138, 139, 140, 150, 170, 171

Music (MUS)
100, 101, 101L, 102, 102L, 104, 105, 106, 107, 117x4, 121, 122, 130, 131, 133, 134, 136, 141x4, 150x4, 152x4, 154x4, 156x4, 158x4, 201, 201L, 202, 202L, 285

Philosophy (PHIL)
101, 101H, 105, 112, 180

Religious Studies (RELIG)
100, 100H, 101, 110, 135, 150, 175, 176, 180

Spanish (SPAN)
101, 102, 103, 103H, 104, 157, 158

Theatre Arts (THART)
100, 114x4, 120, 135, 160x4, 165

Total Units   60

Nursing A.S. Degree Major

This degree program is designed to prepare students to become Registered Nurses who provide nursing care to assist patients in attaining their maximum level of wellness. Graduates are eligible to take the national licensing examination. The program is accredited by the California State Board of Registered Nursing and the National League for Nursing Accrediting Commission, 61 Broadway - 33rd Floor, New York, NY 10006.

Students are admitted in the Fall and Spring semesters. Students must complete program prerequisites, support courses, required courses, and apply and be accepted to the program. To enroll in the program, students must pass a background check and meet the health requirements. California law allows for denial of the RN license based on any conviction or legal action related to nursing practice. For further information: www.rn.ca.gov.   Licensed Vocational Nurses may also take courses leading to Registered Nurse licensure.   See options below.

PREREQUISITES FOR THE NURSING PROGRAM

- A. High school completion or equivalent (transcript, diploma, G.E.D. or the California State High School Proficiency Exam, or college degree)
- B. Freshman Composition, ENGL 101 with a grade of C or higher
- C. Intermediate Algebra, MATH 095 or higher level with a grade of C or higher
- D. Science courses listed below must be completed with a grade of C or higher and a minimum G.P.A. of 2.75 in the four courses:
    1. Human Anatomy and Physiology, BIOL 250 & 251 or BIOL 260 & 261
    2. Microbiology, BIOL 270
    3. General Psychology, PSYCH 100 or PSYCH 100H
    Note: BIOL 261 (or BIOL 250 & 251) and BIOL 270 must be taken within 5 years of application to the program; BIOL 251 has a prerequisite of BIOL 250; BIOL 261 has a prerequisite of BIOL 260 and CHEM 101; BIOL 270 has a prerequisite of   BIOL 250 or 260 or 261 and CHEM 101, CHEM 101 has a prerequisite of MATH 090.

SUPPORT COURSES FOR THE NURSING PROGRAM   Complete courses below by the end of the program with a grade of C or higher.

- A. Elements of Public Speaking, SPEECH 100 or 100H or Interpersonal Communication, SPEECH   111
- B. Introduction to Sociology, SOC 100 or 100H or Cultural Anthropology, ANTHRO 102

APPLICATION TO THE NURSING PROGRAM

Applications to the nursing program may only be submitted when all program prerequisites have been completed. Applications must be received or postmarked by February 1 for entry in the Fall semester or by September 1 for entry in the Spring semester. Incomplete applications will not be accepted. Late applications will only be considered if space is available.   Submit the following to the Health Science Division Office, HLS 101:

- A. Application form - available in the Health Science Division or on-line.
- B. Official college transcripts from all colleges or universities attended except for SBVC or Crafton Hills College. Transcripts must be issued within the last 6 months and document that the program prerequisites have been completed.   If transcripts are from a foreign country, they must be evaluated for equivalency - see Admission Clerk.
- C. High School completion document.

(continued on next page)

ACCEPTANCE PROCEDURE

Applications are evaluated according to program prerequisites. Applicants who meet all program prerequisites will be considered for acceptance depending on space availability. If there are more students with requirements met than spaces available, students will be randomly ranked and accepted or placed on the Wait List. Applicants will be notified in writing of their application status.

LVN to RN PROGRAM

California Licensed Vocational Nurses may apply to the regular nursing program or select the LVN to RN Option:

A. **LVN to RN Degree Option:**
   1. Prerequisites. Same as the RN program, plus one year full-time work experience as an LVN, and Calif. LVN license
   2. By the end of the program, complete Support Courses and SBVC general education breadth requirements for the Associate of Science Degree.
   3. Required courses: Complete each of the following courses with a grade of C or higher: NURS 108, 109 (includes challenge exams to determine eligibility to enter the following courses NURS 200, 202, 210, 211, 212, and 217).
   4. Apply by December 1 for February entry. Applicants must have all prerequisites completed or in progress when the application is submitted. Submit to the Health Science Division Office, HLS 101: LVN to RN application, official transcript of vocational nursing program and all colleges attended except SBVC and Crafton Hills College, document verifying High School completion, copy of LVN license, and resume summarizing work experience as an LVN (employer, type of patient care unit, month/year starting and ending dates).

To graduate with an Associate of Science degree with a major in nursing, complete each of the following courses with a grade of C or higher and the general education breadth requirements.

REQUIRED NURSING COURSES:		Units
NURS100	Introduction to the Associate Degree Nursing Program	1
NURS102	Fundamentals of Nursing	4.5
NURS104	Medical-Surgical Nursing I	5
NURS108	Pharmacology for Nurses	1
NURS110	Medical-Surgical Nursing II	5.5
NURS112	Maternity Nursing	5
NURS200	Medical-Surgical Nursing III	5.5
NURS202	Pediatric Nursing	4.75
NURS210	Nursing Care of Critically Ill	2.5
NURS211	Medical-Surgical Nursing IV	3.75
NURS212	Psychiatric Nursing	2.75
NURS217	Advanced Ethical and Legal Aspects of Nursing	1

Total Units   42.25

Effective Date: FA09
Rationale: To reflect changes in curriculum.

Psychiatric Technology A.S. Degree Major

To graduate with a specialization in Psychiatric Technology, students must complete the following required courses, program prerequisites, plus the general education breadth requirements for the Associate Degree (minimum total = 60 units).

REQUIRED COURSES:		**Units**
PSYTCH084	Introduction to Psychiatric Technology	17
PSYTCH085	Psychiatric Technology: Nursing Science	12
PSYTCH086	Introduction to Psychiatric Technology: Behavioral Science	17

Total Units 46

Effective Date: FA09
Rationale: To reflect changes in curriculum.

Computer Specialist Certificate

The Computer Specialist Certificate is designed to provide students with skills in advanced computer technology pertaining to a wide variety of industry specific and government agency career paths. Students are required to have a basic knowledge of reading and writing as well as have completed Math 095 or assessed at a higher level.

Career Outlook: The rapid spread of computers and information technology has generated a need for highly trained workers proficient in various job functions. These jobs are categorized under the heading of Computer Specialist in the EDD Labor Market Information Occupational Projection Report. The Computer Specialist designation constitutes 97 percent of the Computer and Mathematical Occupations category. There are many career paths available mainly because employers' needs are so varied.

REQUIRED COURSES:		**Units**
CIT101	Introduction to Computer Literacy	3
CIT102	Advanced Computer Literacy	3
CIT114	Spreadsheets: Excel	3
CIT116	Database Management: Access	3
CIT150	Office Applications Development	3
CIT215	Database Management Systems	3
CIT232	Data Communications and Networks	3
MATH095	Intermediate Algebra	4

Select two courses from the following:		**Units**
CIT080	Inside the Personal Computer	3
CIT091	Networking Fundamentals Semester I (Cisco Networking Academy)	3
CS110	Fundamentals of Computer Science	3
CS120	Introduction to Visual Basic.NET	4
CS190	Programming in C++	4
CS220	Advanced Visual Basic.NET Programming	4

Total Units   31 - 33

(Math 095 is required unless student is assessed at a higher level.)

Effective Date: FA09
Rationale: The current Computer Information Certificate offered at San Bernardino Valley College (Management Information Systems) was created in the 1960s to indicate professionals trained in the management of mainframe computer systems. The professional of today must be skilled in creating and maintaining systems that are concentrated on smaller, networked hardware using object oriented programming languages.

Air Travel Careers - Flight Certificate

This certificate is designed to prepare students for entry-level work as flight attendants. Students completing this certificate are also qualified to perform the tasks associated with the Ground certificate. Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

REQUIRED COURSES:		**Units**
AIRTVL010	Computer Use in Travel Careers	1.5
AIRTVL011	Survey of Travel Careers	1.5
AIRTVL012	Flight Attendant Survey	1.5
AIRTVL013	Image, Attitude and Appearance	1.5
AIRTVL014	Terminology, Codes and Operations	1.5
AIRTVL015	Employment Writing Skills	1.5
AIRTVL016	Employment Interviewing Skills	1.5
AIRTVL017	Introduction to Cultural Awareness	1.5
AIRTVL018	Ground and In-Flight Service	1.5
AIRTVL019	Ground and In-Flight Safety	1.5
AIRTVL098	Air Travel Careers Work Experience	1 - 4
PE231	First Aid and CPR	3

Three (3) courses from the following list of Travel Geography are required for certification:		**Units**
AIRTVL020	Travel Geography - Resort Destinations	1.5
AIRTVL022	Travel Geography - United States	1.5
AIRTVL023	Travel Geography - The Americas	1.5
AIRTVL024	Travel Geography - Pacific Rim	1.5
AIRTVL025	Travel Geography - Southern Europe	1.5
AIRTVL026	Travel Geography - Northern Europe	1.5
AIRTVL027	Travel Geography - Eastern Europe	1.5
AIRTVL028	Travel Geography - Africa	1.5

RECOMMENDED COURSES BUT NOT REQUIRED:		**Units**
AERO121	Aviation Fundamentals	3
AERO134	Civil Aviation Management and Laws	3
BUSAD100	Introduction to Business	3
CIT010	Beginning Keyboarding	3
ENGL101	Freshman Composition	4
SPEECH100	Elements of Public Speaking	3

Total Units   **23.5 - 26.5**

Effective Date: FA09
Rationale: To reflect changes in curriculum.

Air Travel Careers - Ground Certificate

This certificate is designed to prepare students for entry-level work for ground support/ticket agents for the aviation industry. Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

REQUIRED COURSES:		Units
AIRTVL010	Computer Use in Travel Careers	1.5
AIRTVL011	Survey of Travel Careers	1.5
AIRTVL013	Image, Attitude and Appearance	1.5
AIRTVL014	Terminology, Codes and Operations	1.5
AIRTVL015	Employment Writing Skills	1.5
AIRTVL016	Employment Interviewing Skills	1.5
AIRTVL017	Introduction to Cultural Awareness	1.5
AIRTVL018	Ground and In-Flight Service	1.5
AIRTVL019	Ground and In-Flight Safety	1.5
AIRTVL098	Air Travel Careers Work Experience	1 - 4
PE231	First Aid and CPR	3

Three (3) courses from the following list of Travel Geography are required for certification:		Units
AIRTVL020	Travel Geography - Resort Destinations	1.5
AIRTVL022	Travel Geography - United States	1.5
AIRTVL023	Travel Geography - The Americas	1.5
AIRTVL024	Travel Geography - Pacific Rim	1.5
AIRTVL025	Travel Geography - Southern Europe	1.5
AIRTVL026	Travel Geography - Northern Europe	1.5
AIRTVL027	Travel Geography - Eastern Europe	1.5
AIRTVL028	Travel Geography - Africa	1.5

RECOMMENDED COURSES BUT NOT REQUIRED:		Units
AERO121	Aviation Fundamentals	3
AERO134	Civil Aviation Management and Laws	3
BUSAD100	Introduction to Business	3
CIT010	Beginning Keyboarding	3
ENGL101	Freshman Composition	4
SPEECH100	Elements of Public Speaking	3

Total Units   **22 - 25**

Effective Date: FA09
Rationale: To reflect changes in curriculum.

Automotive Technician Certificate

This certificate is designed to prepare students for entry level work as automotive technicians working in areas such as new car preps, engine performance diagnosis, automotive maintenance, and automotive service. Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

REQUIRED COURSES:		**Units**
AUTO050	Automotive Brakes	4
AUTO052	Automotive Suspension and Steering	4
AUTO056	Automotive Heating and Air Conditioning	4
AUTO063	Emission Systems	4
AUTO064	Automotive Electrical: Battery, Starting & Charging Systems	5
AUTO065	Electrical Accessory Diagnostic	5
AUTO068	Engine Performance - Ignition Systems	5
AUTO069	Engine Performance - Fuel and Exhaust Systems	5
AUTO075X3	Automatic Transmissions Rear Wheel Drive	2 - 6
	or	
AUTO076X3	Automatic Transaxles Front Wheel Drive	2 - 6
AUTO077	Manual Transmissions and Transaxles	4
AUTO084	General Automotive Technology	4
AUTO090X3	Engine Repair	6
TECALC087	Technical Calculations	4
	or	
MATH942	Arithmetic	3
	or	
Eligibility for Math 952 as determined by the SBVC assessment process.		0 - 4

Total Units

52 - 60

Effective Date: FA09

Rationale: Adding AUTO 063 due to the splitting of AUTO 069 into two courses - AUTO 069 and AUTO 063. Replacing TECALC 950, which is in the process of being deleted, with TECALC 087

Psychiatric Technology Certificate

This certificate is designed to prepare students for employment as a Psychiatric Technician, providing care and participating in the treatment of mentally and developmentally disabled clients. Learning activities are conducted on the college campus and a variety of community agencies. The curriculum prepares students to take the California Psychiatric Technician license examination. The Psychiatric Technology program is accredited by the California Board of Vocational Nursing and Psychiatric Technicians. Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

Students must complete program prerequisites, apply, and be accepted into the Psychiatric Technology program. To enroll in the program, students must pass a background check and meet health requirements. The California Board of Vocational Nursing and Psychiatric Technicians may deny a license based on any conviction or action substantially related to Psychiatric Technician practice.

PREREQUISITES FOR THE PSYCHIATRIC TECHNOLOGY PROGRAM

A. High School completion (official transcript or Diploma or G.E.D., AA Degree, BS Degree, or foreign graduate that has been evaluated by AERC (American Educational Research Corporation) Agency)
B. Reading Proficiency: complete READ 015 with a grade of C or higher, or eligibility for READ 100 or higher as determined by the SBVC assessment test, or previous college degree
C. Mathematics Proficiency: complete MATH 952 or higher with a grade of C or higher, or eligibility for MATH 090 or higher as determined by the SBVC assessment test
D. Complete the following courses with a grade of C or higher:
    1. Anatomy and Physiology, BIOL 050
    2. Preparation for College Writing, ENGL 015 or Freshman Composition ENG 101 or ENGL 101H
    3. General Psychology, PSYCH 100 or PSYCH 100H
    4. Note: BIOL 050 and PSYCH 100 must be completed within 5 years of application to the program. Foreign transcripts must be evaluated for equivalency by an agency. See program Director/Department Chair.

APPLICATION TO THE PSYCHIATRIC TECHNOLOGY PROGRAM

Applications and supporting documents must be submitted by February 1 to be considered for Fall semester entrance or September 1 for Spring semester entrance. Late applications will only be considered if space is available. Submit the following when all program prerequisites are completed or in-progress:

A. Application form (available in the Health Science Division Office, HLS 101, or on-line)
B. Official transcripts from all colleges attended except SBVC and Crafton Hills College
C. Document showing High School completion (high school diploma or transcript or G.E.D.)
D. College Assessment scores
E. Enrollment print-out of any in-progress prerequisite courses
F. Proof of reading proficiency

ACCEPTANCE PROCEDURE

Applications are evaluated according to program prerequisites. Applicants who meet all program prerequisites will be considered for acceptance, depending on space availability and date of application. Applicants will be notified in writing of their application status.

To earn a certificate in Psychiatric Technology, complete each of the following courses with a grade of C or higher.

REQUIRED COURSES:		**Units**
PSYTCH084	Introduction to Psychiatric Technology	17
PSYTCH085	Psychiatric Technology: Nursing Science	12
PSYTCH086	Introduction to Psychiatric Technology: Behavioral Science	17

Total Units   46

Effective Date: FA09
Rationale: To reflect changes in curriculum.

CISCO Certified Network Professional Certificate

Effective Date: FA08
Rationale: Certificate program does not generate enough enrollment to justify continuing to offer it.